Format No: CP/TF/2017

TEST REPORT FOR PLASTER SAND

Lab ID	:	**CP-2019-04-03-09** **Date: 05-03-2019**
Customer	:	Assistant Executive Engineer, Kodigehalli Sub Division, BBMP, Bangalore.
Address	:	Kodigehalli Sub Division, BBMP, Bangalore.
Project Name	:	Repairs to Existing Toilet near Jakkur in Ward No.07 Byatarayanapura.
Agency	:	Executive Engineer, KRIDL, #280, 59TH Cross Road, 17th C Main Road, 3rd Y Block, Rajajinagara,Bangalore-560010.
Customer's Reference	:	BBMP/EE/BTP/WO/244/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	01-03-2019
Sample Type	:	Fine Aggregate, M.Sand for Plastring
Reference to BIS codes	:	IS: 383 : 2016 (Specification for Coarse and fine Aggregates) IS1542:1992 (Sand for Plaster - Specification) IS: 2386 :1963(Part - 1, 3) RA2012 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption
Date of test	:	01-03-2019
Total weight taken	:	1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS: 1542:1992
1	10 mm	0	0	0	100	100
2	4.75 mm	35	35	3.5	96.5	95-100
3	2.36 mm	10	45	4.5	95.5	95-100
4	1.18 mm	30	75	7.5	92.5	90-100
5	600 micron	70	145	14.5	85.5	80-100
6	300 micron	215	360	36	64	20-65
7	150 micron	500	860	86	14	0-15
8	Pan	140	1000	100	0	---
Result: The tested sample does not confirm to specified limits.						

CIVIL PRO Sig..... Date..... BANGALORE

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

TEST REPORT OF FINE AGGREGATE

Lab ID : **CP-2019-04-03-09** **Date: 05-03-2019**

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	1.8	–
2	Specific Gravity	2.56	–
3	Material finer than 75 micron(%)	8.5	Uncrushed fine Aggregate Max 3%, Crushed Fine aggregate Max 15%, Mixed Fine aggregate Max 12%, Manufactured Fine aggregate Max 10%

Note:
The results pertain to the samples received and tested.
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate
The parameter marked with an * are not accredited by NABL.

Prepared by
Harshitha

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro Sig..... Date..... BANGALORE

****End of Report****

TEST REPORT OF CERAMIC TILES

Lab ID	:	**CP-2019-04-03-09** **Date: 11-03-2019**
Customer	:	Assistant Executive Engineer, Kodigehalli Sub Division, BBMP, Bangalore.
Address	:	Kodigehalli Sub Division, BBMP, Bangalore.
Project Name	:	Repairs to Existing Toilet near Jakkur in Ward No.07 Byatarayanapura.
Agency	:	Executive Engineer, KRIDL, #280, 59TH Cross Road, 17th C Main Road, 3rd Y Block, Rajajinagara,Bangalore-560010.
Customer's Reference	:	BBMP/EE/BTP/WO/244/2018-19
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	06-03-2019
Sample Type/ Size	:	Ceramic tiles (400X400)mm
Reference to BIS codes	:	IS 13630 (part 1) : 2006, IS 15622:2006
Date of test	:	06-03-2019

MEASUREMENTS OF LENGTH, WIDTH AND THICKNESS

Number Of Specimen	Length measured at position 5mm from the corner		Breadth measured at position 5mm from the corner		Thickness measured at thickest part, 4 diagonal segment			
	1	2	1	2	1	2	3	4
1	300	300	300	300	12.04	12.01	12.08	12.04
2	300	300	300	300	12.01	12.07	12.01	12.01
3	300	300	300	300	12.03	12.05	12.06	12.03
4	300	300	300	300	12.06	12.05	12.08	12.06
5	300	300	300	300	12.08	12.06	12.05	12.08
6	300	300	300	300	12.03	12.07	12.07	12.07
7	300	300	300	300	12.08	12.05	12.08	12.07
8	300	300	300	300	12.02	12.05	12.04	12.05
9	300	300	300	300	12.04	12.04	12.02	12.04
10	300	300	300	300	12.04	12.01	12.05	12.04
Average	**300**		**300**		**12.05**			

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TEST REPORT OF CERAMIC TILES

WATER ABSORPTION

Sl.no	Weight of oven dry sample	Saturated weight of sample	Water absorption by mass	Average value of water absorption
1	1206	1255	4.06	3.32
2	1224	1264	3.27	
3	1264	1298	2.69	
4	1208	1254	3.81	
5	1234	1268	2.76	

MODULUS OF RUPTURE AND BREAKING STRENGTH

Sl.No

Sl.No.	Dimension (mm)			Wet Transverse Strength	Average
	L	B	T	(N/mm^2)	(N/mm^2)
1	400	400	20.04	20.8	20.66
2	400	400	20.06	20.2	
3	401	400	20.02	20.9	
4	400	400	20.06	20.8	
5	400	400	20.05	20.6	

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signature
Quality Manager

CIVIL PRO BANGALORE Sig..... Date.....

End of Report

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com